

Center for Biocatalysis

Dr. Linda Powers/Utah State University/Logan, Utah

<u>Overview</u>	<u>Technologies</u>	<u>Status</u>	<u>Economic Impact</u>
Current State Contract \$120,000	*Parallel processing electronics	*New breakthrough in infrared imaging	*"TransAcq" module being licensed to CSA, a Provo Co.
Matching Funds \$55,168	*Biocatalysis	*Approximately \$1M in equipment installed	*Breakthrough in infrared imaging could make significant contribution in early detection of cancer
Cumulative \$1,549,430	*High speed high pulse lasers	*Patent applied for "TransAcq" parallel processing module (powers up a PC to be equal to a VAX 8650)	
Industry Jobs Created 5	*Infrared imaging		
Center Related Jobs 22	*Molecular design		
Benefiting Utah Companies	*Bioanalytical instrumentation		
WhetStone	*Molecular components and portable instrumentation for specialized monitoring	*Software written linking module to standard X windows format	*New company formed: "WhetStone;" will use technology in risk assessment management
CSA			
HyClone, Inc.			
Patents Applied --	*Elucidate bio-catalytic processes involving metals and develop synthetic analogs	*Two-color photothermal spectroscopy developed	
Patents Issued --			
License Agreements 1	*New technology in automation and data analysis and handling		